

Work Order ID 73558

Friday, September 02, 2011 9:44:48 AM



Page 1

Item ID: D4002-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 9/2/2011 Start Qty: 4.00



Required Date: 9/12/2011 Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: *W*

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan
Code Accept Reject Reject Insp.
Qty Qty Number Stamp

Draw Nbr

Revision Nbr

D4002

B

*PER ATTACHED URF FORM,
COMPLETE WORK + QUANTITIES.*

11.04.19

0.00

100



Purchasing

Memo

0.00

Purchasing

Issue P/O: *14830*
Purchase part as per Dwg D4002
Part #: 156001-3S-0105
Possible Supplier: Aviall / API
Material release note required

CZ 11/09/106 (4)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Pull 8/12 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 73558

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Page 2

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Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	-----------	------------	------------	---------------	-------------

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

8/10/12



121

0.00



Small Fab

Memo

0.00

Small Fab

Assemble fitting, o-ring and valve as per dwg D4002

ES 11/09/21 (4)

122

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

8/10/12



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 73558

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Page 3

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Revision ID:

Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 9/2/2011 Start Qty: 4.00

Required Date: 9/12/2011 Req'd Qty: 4.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location: 193

0.00



Packaging

Memo

0.00

Packaging

QUARANTINED & RETAGGED (2)

11/9/22 SP4

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/9/27

MF 11-09-22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Friday, September 02, 2011 9:44:45 AM

Page 1

Work Order ID: 73558

Parent Item: D4002-041

Parent Item Name: Aux Tank Drain Hose Assembly, Fwd





Start Date: 9/2/2011

Required Date: 9/12/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP rev A 10.01.21 new issue Prelim EC verified by:DD
10.11.03 added MS29528-04 DD verified by:EC IPP rev B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156001-3S-0105 ✓  Hose Assembly		Purchased	No			100	Each	0.0000	1	4			
AN894D4-3  Fitting		Purchased	No			121	Each	2.0000	1	4			
<div><div>Location</div><div>ST334</div><div>117317</div></div> <div><div>Loc Qty</div><div>2</div><div>2</div></div> <div><div>Loc Code</div><div></div><div></div></div>													
MS29512-04  O-RING		Purchased	No			121	Each	3.0000	1	4			
<div><div>Location</div><div>ST294</div><div>116304</div></div> <div><div>Loc Qty</div><div>3</div><div>3</div></div> <div><div>Loc Code</div><div></div><div></div></div>													
MS29528-04  Fuel Drain Valve		Purchased	No			121	Each	0.0000	1	4			

M118980 (4x)

9/5/11/09/21

9/5/11/09/21

M118891 (2x)

9/5/11/09/21

M118853 (1x)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

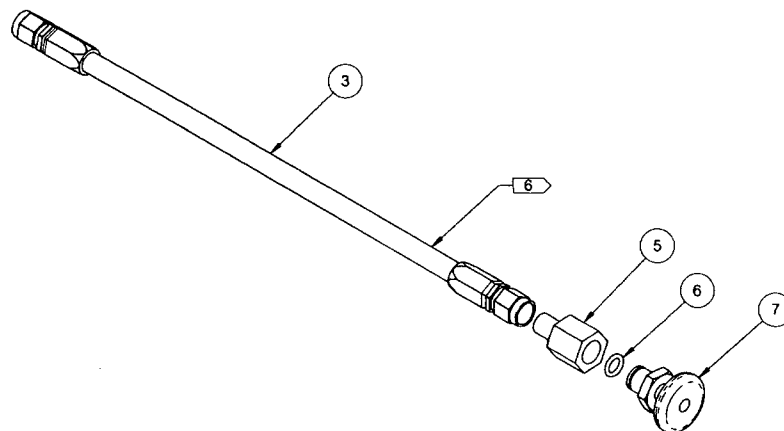
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

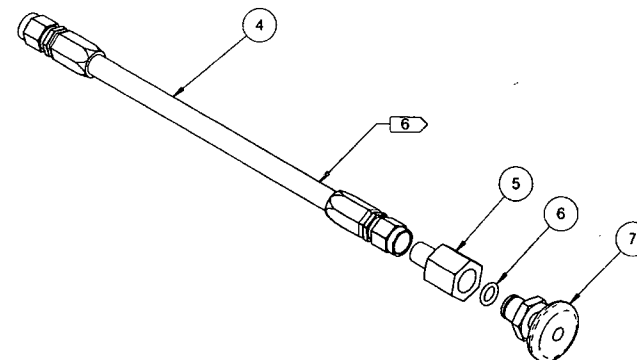
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



D4002-041 DRAIN HOSE - FRONT



D4002-043 DRAIN HOSE - REAR

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.13 lbs
D4002-043 - 0.12 lbs

RELEASED
2011-05-30

B	CHANGE LENGTH MEASUREMENT FOR -3, ZN C2-2	10.11.03
A	NEW ISSUE	HS 10.03.01
REV.	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	10.11.03	

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D4002

REV. B
SHEET 1 OF 2

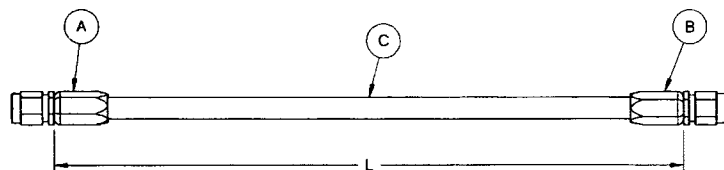
TITLE
HOSE ASSEMBLY

SCALE
NTS

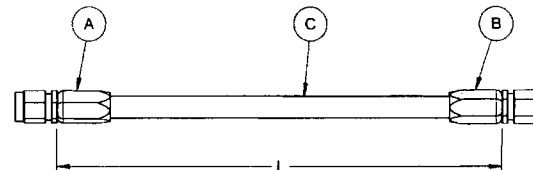
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WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

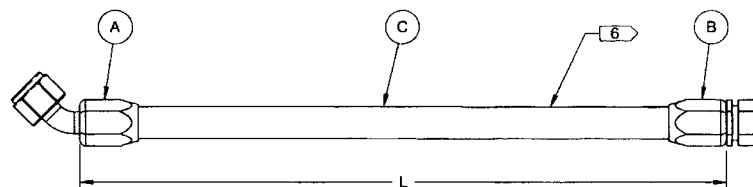
SPECIFICATION CONTROL DRAWING



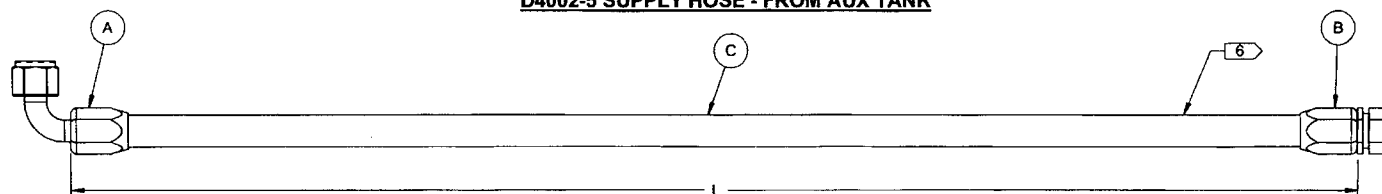
D4002-1 HOSE ASSEMBLY



D4002-3 HOSE ASSEMBLY



D4002-5 SUPPLY HOSE - FROM AUX TANK



D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0105	AVIAL/API	9.90	676-3S	676-3S	156-3	0.08 lbs
D4002-3	156001-3S-0074	AVIAL/API	6.76	676-3S	676-3S	156-3	0.07 lbs
D4002-5	156003-6D-0102	AVIAL/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIAL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

RELEASED
2011-05-30
JWW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: SEE TABLE

73558

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO. D4002	REV. B
MFG. APPR.			SHEET 2 OF 2
APPROVED		TITLE HOSE ASSEMBLY	SCALE
DE APPR.			NTS
DATE	10.11.03	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



PACKING LIST



PAGE: 2

DATE: 09/09/11

TIME/HEURE: 10:50

EMP#: 24093

CUSTOMER P.O.
BON DE COMMANDE 14830SHIP NBR:
No DE EXPEDITEUR

ORDER TYPE / TYPE DE COMMANDE: RG

ORDER NUMBER: 0001027065- 300267
No DE COMMANDE
ORDER DATE: 09/06/11
DATE DE COMMANDESHIP VIA: FED P1AM - COLLECT
EXPEDIER PAR

CURRENCY: USD

S O V E R E I G N
D U A T O
032027
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS E X P E D I E R
H P I E D I E R
T O A
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS E X P E D I E R
H P I E D I E R
T O A
34170
AVIALL TORONTO CSC
1840 ALSTEP DR. UNIT 5.
MISSISSAUGA ON L5S 1W1
CANADA

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY QUANTITE COMMANDE	SHIP QUANTITY QUANTITE EXPEDIEE	BACK ORDER COMM. EN SOUF	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
		LOT 51235163 EA		4					
15	1S	156001-3S0105 HOSE: RUBBER MED PRES, ASSEMBLY	4	4		0 EA	92.90	92.9000	371.60
REF:									
Schedule B: 4009.42.0050				ECCN: EAR99					
Country of Origin: U.S.A.									
		LOT 51235164 EA		4					

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

PARTS TOTAL 1,899.53
AOC TOTAL 0.00
TAXES 246.93
FREIGHT 0.00
FUEL SURCHARGE 0.00
ESTIMATED TOTAL 2,146.46
Currency: United States Dollar

CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE

I hereby certify that the aircraft parts, appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted.
Je certifie par la presente que les pieces appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d'approvisionnement consistante avec les conditions sous lesquelles l'approbation du distributeur du departement du transport no. 35-86 ont ete recue.

AVI 02 00 G S T REG NO R121506208

Signed

Date

09/09/11

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL.
ESCOMPTE APPLIQUES SUR SOUS TOTAL SEULEMENT.
ALL RETURNED MERCHANDISE SUBJECT TO A HANDLING FEE.
FRAIS DE MANUTENTION APPLIQUES SUR TOUTE MARCHANDISE RETOURNEE.

CUSTOMER COPY / FILE COPY

Under Review Notification

Raised By: M. BELLAVANCE

Date: 11.09.19

Product #: D4002-041/-043/-1/-3 (D350-794-041)

Product Name: HOSE ASSEMBLY (TANK ASSEMBLY)

Drawing/Kit Number	Drawing/Kit Description	Quantity on Hand (Stock)	Quantity on Order (Production)	Quantity Allocated (Customer Order)	HOLD SHIPMENT	Red Tag/Quarantine Stock	Advise customers	Stop Production	Re-Work Stock	IPP Under Review	Blue File Under Review	ECN #	Instructions
D4002	HOSE ASSEMBLY				N	Y	N	Y	TBD	Y	Y	11-637	SEE BELOW

Description of issue:

PER EUROCOPTER CANADA LTD., THE LENGTH OF D4002-1/-3 REQUIRE TO BE INCREASED BY 8.00" TO ENSURE COMPATIBILITY WITH EUROCOPTER SQUIRREL CHEEK. THIS CHANGE DIRECTLY AFFECTS D4002-041/-043 AND D350-794-041 AS WELL AS D350-794-011 AND D130-794-021.

CURRENTLY, D350-794-011/D130-794-021 ARE NOT COMPATIBLE WITH EUROCOPTER SQUIRREL CHEEK. IT IS THEREFORE ACCEPTABLE TO SHIP KITS. HOWEVER, D4002-041/-043/-1/-3 STOCK SHOULD BE QUARANTINED, PROCUREMENT OF D4002-1/-3 SHOULD BE STOPPED, AND PRODUCTION OF D4002-041/-043 SHOULD BE STOPPED ONCE IN PROGRESS W/O'S ARE CLOSED. ENGINEERING TO SIGN OFF ON ALL D4002-041/-043/-1/-3 W/O'S UNTIL FURTHER NOTICE PRIOR TO PACKAGING D350-794-041, OR SHIPPING ANY D4002-041/-043, OR ORDERING ANY D4002-1/-3.

Distribution:

General Manager
Production Manager
Director Quality Assurance
Design Manager
Chief Engineer

Production Engineering Coordinators
Quality Assurance Coordinator
Quality Control Coordinator
Order Processing
Customer Technical Support

Engineering Project Managers
Engineering Clerk
Marketing